

Amphibole Chemometers

Reference	Melt parameter	Output name	T-dependent?
Amphibole-only Chemometry. Function "calculate_amp_only_melt_comps" Returns all equations by default (need to specify T to get T-dependent equations)			
Ridolfi (2021)	ΔNNO	deltaNNO_Ridolfi21	X
	H_2O	H2O_Ridolfi21	X
Zhang et al. (2017)	SiO_2 (Eq 1)	SiO2_Eq1_Zhang17	X
	SiO_2 (Eq 2)	SiO2_Eq2_Zhang17	X
	SiO_2 (Eq 3)	SiO2_Eq3_Zhang17	✓
	SiO_2 (Eq 4)	SiO2_Eq4_Zhang17	X
	TiO_2 (Eq 5)	TiO2_Eq5_Zhang17	✓
	TiO_2 (Eq 6)	TiO2_Eq6_Zhang17	X
	FeO (Eq 7)	FeO_Eq7_Zhang17	X
	FeO (Eq 8)	FeO_Eq8_Zhang17	X
	MgO (Eq 9)	MgO_Eq9_Zhang17	X
	CaO (Eq 10)	CaO_Eq10_Zhang17	X
	CaO (Eq 11)	CaO_Eq11_Zhang17	X
	K_2O (Eq 12)	K2O_Eq12_Zhang17	X
	K_2O (Eq 13)	K2O_Eq13_Zhang17	X
	Al_2O_3 (Eq 14)	Al2O3_Eq14_Zhang17	X
Putirka (2016)	SiO_2 (Eq 10)	SiO2_Eq10_Put2016	✓